

SIZE: 4 X 10 inch

XYCUSTM Sachet

زائکس ساٹھ

Bacillus clausii
A probiotic to maintain
Gut Flora

COMPOSITION:

Each Sachet Contains:
Bacillus Clausii (MS).....3 Billion CFU
Manufacturer Specs

DESCRIPTION:

Bacillus clausii is a probiotic and a live microorganism. It is a spore-forming, gram-positive bacterium used to help restore the natural balance of intestinal flora. It is resistant to gastric acid and bile, allowing it to survive the gastrointestinal tract and reach the intestines, where it germinates and exerts its beneficial effects.

PHARMACOLOGICAL CLASS:

Probiotic (Antidiarrheal and Gut Flora Regulator)

MECHANISMS OF ACTION

Colonization and Competitive Exclusion:

Once in the intestines, B. clausii spores germinate into vegetative cells that colonize the gut. These cells compete with pathogenic bacteria for nutrients and adhesion sites, thereby inhibiting the growth of harmful microbes.

Production of Antimicrobial Substances:

B. clausii secretes bacteriocins and other antimicrobial compounds that directly inhibit the growth of pathogenic bacteria, such as Escherichia coli, Salmonella spp., and Clostridium difficile.

Modulation of Immune Response:

B. clausii stimulates the production of immunoglobulins (e.g., IgA) and enhances the activity of immune cells, such as macrophages and lymphocytes. This helps strengthen the body's natural defense mechanisms against infections.

Enzyme Production and Metabolic Activity:

B. clausii produces digestive enzymes, such as proteases, lipases, and amylases, which aid in the breakdown of complex nutrients and improve digestion. It also contributes to the production of short-chain fatty acids (SCFAs), which are beneficial for gut health.

INDICATIONS:

- Acute & chronic infectious diarrhea
- Antibiotic-associated diarrhea
- Traveler's diarrhea
- Restoration of gut flora after antibiotic treatment or intestinal dysbiosis
- Supportive therapy for chronic gastrointestinal disorders (e.g., IBS, IBD)
- Boosting immune response by maintaining gut health

DOSAGE AND ADMINISTRATION:

1 to 2 sachets daily or as advised by the healthcare provider.

CONTRAINDICATIONS:

Hypersensitivity to Bacillus clausii or any of the excipients.

PRECAUTIONS AND WARNINGS:

Consult a healthcare provider if symptoms persist beyond 2-3 days.
Safe for use during pregnancy and breastfeeding, but medical advice is recommended.
Not intended to replace rehydration therapy for severe diarrhea.

SIDE EFFECTS:

Mild gastrointestinal disturbances (bloating, gas).
Allergic reactions (rash, itching) are extremely rare.

INTERACTIONS:

Can be used alongside antibiotics due to Bacillus clausii's resistance to most antibiotics.
No known significant drug interactions.

DIRECTIONS:

Pour the powder into some water, beverage or semi liquid food. Mix and drink.
Don't mix **XYCUS** in very cold & hot liquid.

INSTRUCTIONS:

Store below 25°C. Protect from heat and direct sunlight. Keep away from the reach of children.

HOW SUPPLIED:

Available in 10 sachets in a pack.

ہدایات: ۲۵ ڈگری سینٹی گریڈ سے کم درجہ حرارت پر رکھیں۔
دھوپ اور گرمی سے بچائیں۔ بچوں کی پہنچ سے دور رکھیں۔

Manufacturer Enlistment No. 0078
Product Enlistment No.00781150554

Manufactured by:

Nutrimed
Laboratories
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Super Highway, Phase-1,
Karachi, Pakistan.

Marketed by:

CENRJY
Pharmaceuticals
Karachi